

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 19 (Canceled).

20. (Currently Amended) A ceramic laminate, comprising:
at least one solid electrolyte layer;
at least one insulation layer provided on the at least one solid electrolyte layer;
an electrical resistor track extending in a meandering configuration and connected to two electrical lead tracks, wherein the electrical resistor track and the two electrical lead tracks are embedded in the at least one insulation layer, and wherein the resistor track includes a material having a greater specific Ohmic resistance compared to a material of the two lead tracks, wherein the specific Ohmic resistance of the material of the resistor track is at least twice as great as the specific Ohmic resistance of the material of the two lead tracks, and wherein the resistor track has a width that is maximum possible width defined as a function of a width of the at least one insulation layer, and wherein the resistor track has a thickness that is at least an order of magnitude smaller than the width of the resistor track.

Claim 21. (Canceled).

22. (Currently Amended) The laminate as recited in Claim [[21]] 20, wherein a temperature coefficient of the material of the resistor track is less than a temperature coefficient of the material of the two lead tracks.

23. (Previously Presented) The laminate as recited in Claim 22, wherein the width of the resistor track is greater than the width of each of the two lead tracks.

24. (Previously Presented) The laminate as recited in Claim 23, wherein the width of the resistor track is at least 50% greater than the width of each of the two lead tracks.

25. (Previously Presented) The laminate as recited in Claim 22, wherein the width of the resistor track is dimensioned greater than 500 μm .

26. (Previously Presented) The laminate as recited in Claim 22, wherein the thickness of the resistor track is less than 14 μm .

27. (Previously Presented) The laminate as recited in Claim 20, wherein the resistor track includes a high Ohmic platinum paste.

28. (Previously Presented) The laminate as recited in Claim 27, wherein the high Ohmic platinum paste has an aluminum oxide support content of approximately 30%.

29. (Previously Presented) The laminate as recited in Claim 27, wherein the thickness of the resistor track is at least 5 μm .

30. (Previously Presented) The laminate as recited in Claim 27, wherein the high Ohmic platinum paste contains nanoplatinum and the thickness of the resistor track is dimensioned at less than 5 μm .

31. (Previously Presented) The laminate as recited in Claim 22, wherein the resistor track has three meandering turns resulting in four meander legs which extend parallel to one another, and wherein two interior meander legs are locally widened in width.

32. (Previously Presented) The laminate as recited in Claim 22, wherein the two lead tracks include low Ohmic platinum paste.

33. (Previously Presented) The laminate as recited in Claim 32, wherein the low Ohmic platinum paste has an aluminum oxide support content of approximately 5%.

34. (Previously Presented) The laminate as recited in Claim 22, wherein the thickness of resistor track and the thickness of the two lead tracks are substantially equal.

35. (Previously Presented) The laminate as recited in Claim 22, wherein the at least one insulation layer includes a first insulating layer and a second insulating layer, the first insulating layer being applied onto the solid electrolyte layer, and wherein the resistor track is situated on the first insulating layer, and wherein that second insulating layer covers the resistor track.

36. (Previously Presented) The laminate as recited in Claim 35, wherein the first insulating layer coats the at least one solid electrolyte layer, the resistor track and the two lead tracks are printed onto the first insulating layer, and the second insulating layer covers the resistor track and the two lead tracks.

37. (Previously Presented) The laminate as recited in Claim 22, wherein the laminate is configured as an electrical heater in a sensor element for measuring an oxygen concentration in an exhaust gas of an internal combustion engine, and wherein the sensor element is connected to a side of the resistor track embedded in the at least one insulation layer and facing away from the at least one solid electrolyte layer.

38. (Previously Presented) The laminate as recited in Claim 22, wherein the laminate is configured as a temperature sensor for measuring a temperature of an exhaust gas of an internal combustion engine.